

74712-3

10/24/2012

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U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs
Antimicrobials Division (7510P)
1200 Pennsylvania Avenue NW
Washington, D.C. 20460

EPA Reg. Number:

74712-3

Date of Issuance:

OCT 24 2012

Term of Issuance:

Conditional

Name of Pesticide Product:

THPS 75

NOTICE OF PESTICIDE:

[X] Registration
Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

J. Michael Kelley
Toxcel, LLC
c/o for Special Materials Company
7140 Heritage Village Plaza
Gainesville, VA 20155-3061

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec 3(c)(7)(a) provided that you:

- 1. Submit and/or cite all data required for registration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for re-registration of your product under FIFRA section 4.
2. Make the labeling changes listed below before you release the product for shipment:
a. Revise the "EPA Registration Number to read, EPA Reg. No. 74712-3".

Signature of Approving Official:

Marshall Swindell
Product Manager Team-33
Regulatory Management Branch I
Antimicrobials Division (7510P)

[Handwritten signature of Marshall Swindell]

Date:

OCT 24 2012

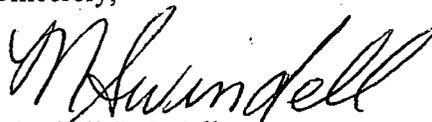
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- b. To satisfy OPPTS 830.6317 (Storage Stability) and OPPTS 830.6320 (Corrosion Characteristics) requirements, results for a minimum of 1 year from a GLP-compliant storage stability and corrosion characteristics study must be provided.
- c. The proposed use rate for Fire Protection Systems is higher than what was previously accepted. The use rate must be consistent to what was accepted for the listed me-too product in your application.
- d. The Precautionary Statement must be revised to read as follows:
 - **Danger: Corrosive.** Causes irreversible eye damage. May be fatal if swallowed. Harmful if inhaled. Harmful if absorbed through the skin. Do not get in eyes, on skin, or on clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Avoid breathing vapor or spray. Wear long sleeved shirt and pants or coveralls, goggles or face shield, and chemical resistant gloves. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum and using tobacco or using the toilet. Remove and wash contaminated clothing before use.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records. Submit one (3) copies of your final printed labeling prior to release of this product for shipment. If you have any questions concerning this letter, please contact Demson Fuller at (703) 308-8062.

Sincerely,



Marshall Swindell
Product Manager Team-33
Regulatory Management Branch I
Antimicrobials Division (7510P)

Enclosure: (Stamped Label)

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THPS 75

FOR INDUSTRIAL USE ONLY

Active Ingredient:

Tetrakis(hydroxymethyl) phosphonium sulfate..... 76.5%

Other Ingredients: 23.5%

Total: ...ACCEPTED..... 100%
with COMMENTS
in EPA Letter Dated:

KEEP OUT OF REACH OF CHILDREN

DANGER

OCT 24 2012
Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide,
registered under EPA Reg. No. 74712-3

FIRST AID

If In Eyes	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
If On Skin Or Clothing	<ul style="list-style-type: none"> • Take off contaminate clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
If Inhaled	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. • Call a poison control center or doctor for further treatment advice. If breathing is difficult, oxygen should be administered by a qualified professional.
If Swallowed	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. • Do not give anything by mouth to an unconscious person.

HOT LINE NUMBER

IN CASE OF EMERGENCY endangering life or property involving this product, call collect (989)636-4400. Have product container or label with you when calling a poison control center or doctor or going to treatment.

NOTE TO PHYSICIAN

Probably mucosal damage may contraindicate the use of gastric lavage. Maintain adequate ventilation and oxygenation of the patient. No specific antidote. Treatment of exposure should be directed at the control of symptoms and the clinical condition of the patient.

EPA Reg. No. 74712-G

EPA Est. No. 74712-XX-XXX

Special Materials Company
707 Barrally Street
North Tonawanda Street, NY 14120

Net Contents: _____

Lot Number: _____

Produced and Injection Water Treatment

THPS should be added to a produced or injection water system at a point where uniform mixing will occur.

Initial Treatment:

For a noticeably fouled system, add 93-350 ppm THPS. When added to a flowing system, shock dose for 2-6 hours based on flow rates. Repeat as necessary until control is achieved.

Subsequent Treatment:

Once control has been achieved, add 14-98 ppm THPS weekly or as needed to maintain control. When added to a flowing system, shock dose for 2-6 hours based on flow rates.

Continuous Treatment:

THPS can be dosed continuously at a level of 14-67 ppm.

Transmission Pipelines and Systems

THPS should be added at a point in the pipeline where uniform mixing will occur. The application should be conducted to ensure maximum distribution of product through the internal surface of the pipeline by adding an amount of biocide which eventually comes out the other end of the pipeline. Criteria for success of the treatment will be reduction in bacterial count and/or corrosion rates.

Slug Dosing:

Follow instructions for injection water treatment.

Continuous Dosing:

THPS can be dosed continuously at a level of 14-100 ppm.

Drilling Muds, Packer Fluids, Completion and Workover Fluids:

Add THPS 75% at a point where uniform mixing will occur. Add 33-1400 ppm of product to a freshly prepared fluid depending on severity of contamination.

Gas Storage Wells and Systems

Individual wells should be treated in the same manner and at the same application rates as described under Water Floods. Individual drips should be treated with a sufficient quantity of product to produce a concentration of 33.3-133.3 ppm when diluted by the water present in the drip. Repeat as needed to maintain control.

ACCEPTED
with COMMENTS
in EPA Letter Dated:

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Well Remediation Operations

Individual production or injection wells may be bullheaded with THPS 75% to control bacteria and dissolve iron sulfide deposits. Pump the product into the well as an aqueous solution containing from 13.3 to 40% THPS 75%. The well should be shut in for at least 6 hours before putting it back into operation.

Hydrotesting

Water used to hydrotest pipelines or vessels should contain 66.6-666.5 ppm THPS 75%, depending on water quality and length of time the equipment will remain idle.

Pipeline Pigging and Scraping

Add THPS 75% to a slug of water contained between the scraper and the trailing pig to produce a concentration of 70-700 ppm in the water at the discharge point or pig trap, depending on the length of the pipe and the severity of biofouling.

Note: For cooling water systems of equal to or greater than 4000 gallons, do not apply by open pouring of liquid too cooling water systems; a metering pump delivery system is required for this use and application method.

INDUSTRIAL AND/OR COMMERCIAL RECIRCULATING COOLING WATER SYSTEMS (for control of bacteria, fungi, and algae)

Initial Slug Dose: Add 133.3-1000 ppm THPS 75% based on total water volume. Repeat until control is obtained.

Subsequent Treatment: Add either **intermittently** 33.3-400 ppm of THPS 75% or **continuously** 20-67 ppm THPS 75%. Dirty systems must be cleaned prior to treatment.

HEAT TRANSFER SYSTEMS (Evaporative Condensers, Dairy Sweetwater Systems, Hydrostatic Sterilizers and Retorts, Brewery and Other Pasteurizers, and Warmers).

Add THPS 75% at the same application rates, and in the same manner as described for recirculating cooling water. Add to the system at a point where uniform mixing and circulation will occur.

AIR WASHER SYSTEMS

For control of bacteria and fungi. Pre-clean the system with detergent and allow air washer to run with fan on for two hours. Flush and check nozzles with manual cleaning as necessary. Add 50-133.3 ppm THPS 75% at a point where uniform mixing and even distribution will occur. Repeat as needed to maintain control.

COMMENTS

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended for the pesticide, registered under EPA Reg. No. 74912-3

06/24/2012

FIRE PROTECTION SYSTEMS

THPS 75% is effective at controlling microbial growth in waters and on pipe surfaces in fire protection systems. Such microbial growth when combined with other forms of corrosion can lead to accelerated corrosion rates and pitting corrosion, commonly referred to as microbiologically influenced corrosion. THPS 75% also helps to remove free oxygen from the water, thus eliminating an important nutrient for bacteria and an important reactant in many corrosion reactions.

THPS 75% should be added to a fire protection system using a chemical metering pump. Inject at a point, such as a riser, manifold, or makeup feed water line, where uniform mixing and even distribution will occur. Add 266-400 ppm THPS 75% depending on severity of contamination in the system. Repeat as needed.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

STORAGE: Store this product in a cool, dry area away from direct sunlight and heat to avoid deterioration. Keep container tightly closed when not in use. In case of a spill, flood the area with large quantities of water.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance.

CONTAINER Disposal: Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

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